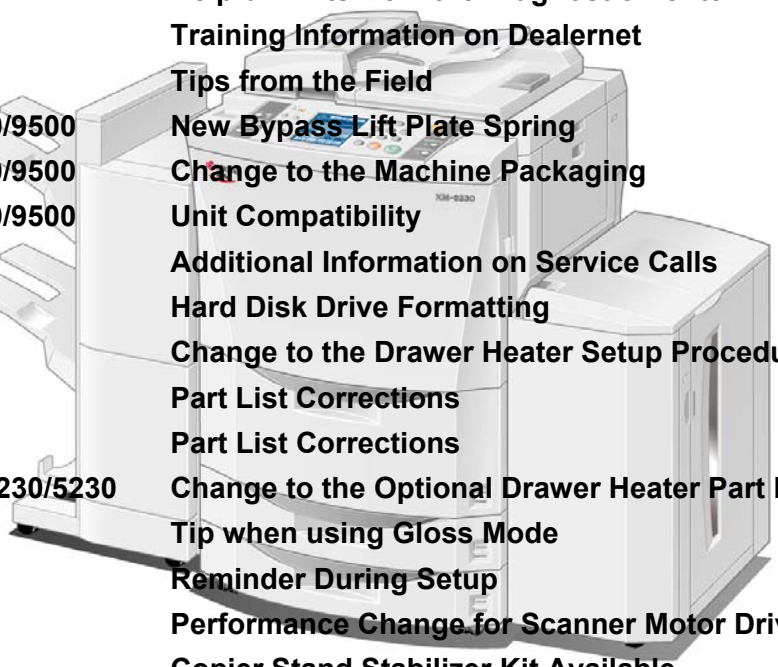
Copystar Focus

June 2002 Volume 2 Number 1

Welcome to the June 2002 Edition of the Copystar Focus. It has been some time since the release of the last Copystar Focus. We have established a New Company Signature: "One Company".

As "One Company", Kyocera Mita is focused on Manufacturing State of the Art Laser Printers and Digital Copiers, and providing a high level of Technical Support and Software Solutions to our Dealers and End Users. On the Technical side, the Diagnostic Center is currently in the planning stage for expansion. This expansion will provide Support and Connectivity for future products and should be completed by the end of the Year. The Solutions Group provides second level support to the existing Diagnostic Center concerning Software related issues with our Printing Systems. In addition, the Solutions Group supports our Regional Reps., System Support Engineers, Sales Engineers and provides a level of Support to our Training Center.

MODEL	***CONTENTS***	***PAGE***
ALL	**Common Prescribe Commands**	**2**
ALL	**The Solutions Queue (From the Software Solutions Group)**	**3, 4, 5**
ALL	**IB-2x NetBEUI Quick Install**	**6**
ALL	**Helpful Hints from the Diagnostic Center**	**7, 8, 9,**
ALL	**Training Information on Dealernet**	**10**
ALL	**Tips from the Field**	**10**
Ri 2530/3530/FS-9100/9500	**New Bypass Lift Plate Spring**	**11**
Ri 2530/3530/FS-9100/9500	**Change to the Machine Packaging**	**11**
Ri 2530/3530/FS-9100/9500	**Unit Compatibility**	**12, 13**
Ri 4530/5530	**Additional Information on Service Calls**	**14**
Ri 4530/5530/6230	**Hard Disk Drive Formatting**	**14, 15**
Ri 4530/5530	**Change to the Drawer Heater Setup Procedure**	**15**
Ri 4530/5530	**Part List Corrections**	**16**
DF-610/600	**Part List Corrections**	**17**
RC-4000d/5000d/Ri 4230/5230	**Change to the Optional Drawer Heater Part Number**	**17**
KM-C830D/8000C	**Tip when using Gloss Mode**	**18**
KM-C830D	**Reminder During Setup**	**18**
KM-C1530	**Performance Change for Scanner Motor Drive**	**19**
KM-C1530	**Copier Stand Stabilizer Kit Available**	**20**
Fiery X3e	**Fiery X3e Parts Breakdown**	**21, 22**
CS-1810	**Change to the Memory Board Ass'y**	**23**
ALL	**Technical Bulletins and Letters Released**	**24, 25**



Common Prescribe Commands
From DOS Mode

Below is a list of Prescribe Commands we have assembled for use in all current Digital Copiers and Printers for adjusting parameters for specific Printer Environments.

Status Page: (All current Digital Copiers and Printers)

ECHO !R! STAT; EXIT; >LPT1 or PRN

Service Status Page: (All current Digital copiers and Printers)

ECHO !R! STAT1; EXIT; >LPT1 or PRN

(Print status page before all operations)

Event Log: (FS models)

ECHO !R! ELOG; EXIT; >LPT1 or PRN (ECOD = error codes)

Initialize Printer: (FS models)

ECHO !R! FRPO INIT; STAT1; EXIT; >LPT1 or PRN

Check margins (L parameters): (FS models)

ECHO !R! RES; MZP 0,0; BOX 30,30; PAGE; EXIT; >LPT1 or PRN

Changing Parameters: (All current digital copiers and printers)

ECHO !R! FRPO "parameter", "value"; STAT1; EXIT; >LPT1 or PRN

CI-1100 Hard Drive Buffer size tweak for increased printer performance:

ECHO !R! FRPO I1, 1; FRPO H8, 50; FRPO M4, 5; FRPO M2, 3; FRPO S5, 2;
FRPO D6, 1; STAT1; RES; EXIT; >LPT1 or PRN (must have hard drive)
(It is recommended to increase memory before attempting this procedure)

When sending commands from our Utilities and Network Interface (ECHO) and (>LPT1 or PRN) are not needed.
(Note: a space is needed after Echo and !R! and all semi colons and commas.)

Upgrade Firmware:

ECHO !R! UPGR "SYS"; EXIT; >LPT1 or PRN (SYSTEM)
COPY /b *****.*** PRN (Works for both System and Engine Firmware on
(File name) FS-1800 and All current Digital copiers and Printers)

ECHO !R! BOOT "SPR"; EXIT; >LPT1 or PRN (ENGINE)
COPY /b *****.*** PRN

The Solutions Queue

From the Software Solutions Group

Software Solutions Group – Print Capture Tip

On February 21, 2001 the Software Solution Group (SSG) was officially born. The group includes Mr. Nob Mori, Director of Software Solutions, Mr. Timothy O'Brien, Software Support Specialist and myself Mr. John Helsel, Software Support Specialist. Located in Kyocera Mita America's Headquarters in New Jersey, SSG is responsible for 2nd level support for our Dealer, Reseller and Customer populations. Our primary mission is to respond to printing challenges that will provide additional value to our products and services. In addition to this support, there is also a coordinated effort with our training group in Dallas, Texas to help bring to light the power of Kyocera Products and our native Printer Control language, Prescribe.

Nob

Tim

John

With the world of connected products comes a different perspective to consider when supporting printer installs. A competitive market and varying flavors of printing environments, such as Microsoft, Macintosh, AS400, and UNIX (to name a few) require that support groups maintain a high level of responsibility in their efforts to respond promptly to customer support questions and inquiries. The number one priority, without question, in any support arena, is access to complete and accurate data from the field. While access to a well-equipped laboratory with all the right hardware and software is a great start for any support group, it does not always guarantee efforts to duplicate every printing environment. This is the reason most of you may have started hearing requests for electronic print files from the environment. Though it may not guarantee our ability to duplicate the environment, it does give us the exact data being sent to our printer, and in the majority of cases, that data will be the basis of our solution. In addition to using the KX Print Driver "Print to file" feature, newer Kyocera Printers can also write a print job to Compact Flash cards (CF Cards). The data on the CF card can then be delivered via floppy disk or e-mailed to us to be analyzed. Capturing data files via the KX print driver "Print to file" feature is more commonly used to support printing challenges from applications like MS Word, MS Excel, MS Publisher, Corel Word Perfect etc. While the CF card capture is more commonly used to capture print files from different printing environments that do not use the KX Print Driver, and print directly to the printer's port through the driver.

All we ask is, you keep in mind that a challenge without a captured print file leaves several unanswered questions, while a challenge with a captured print file shows us exactly what our printer needs to print. This being said, we felt it a good idea to share the procedures for capturing print data files from using the KX Print Driver "Print to File" method and using the Compact Flash Card "Write" method. Additional support for these procedures can be obtained from our Helpdesk Support Group at 1-800-457-7951.

The
Solutions Queue
From the Software Solutions Group

Microsoft Windows Print Driver Data Capture:

From the application select "File → Print…." (See Fig. 1). This will display the "Print" dialogue screen from which you can select "Print to file" (see fig. 2). Make sure that you have set all the features specific to your print job such as cassette, duplex, staple, hole punch etc, so that all the related PDL commands can be captured. This can be done from the "Properties" (see fig. 2) button in the "Print" dialogue screen.

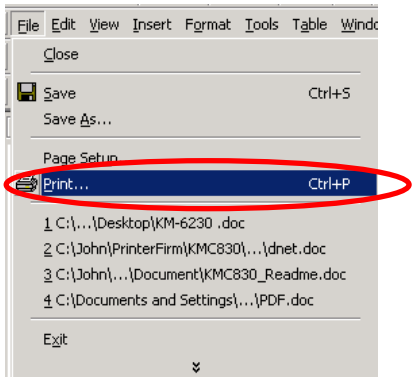


Fig. 1

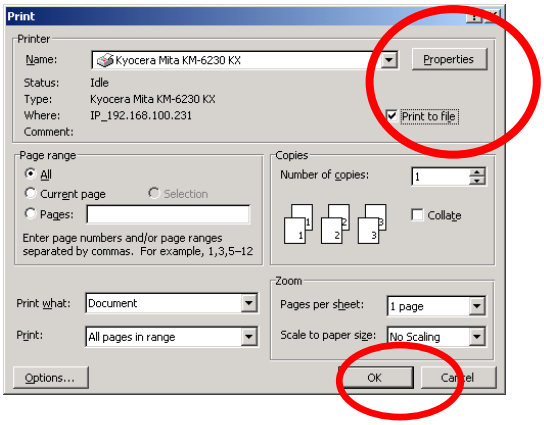


Fig. 2

After you have set all the print job features and selected the "Print to file" check box, click on the "OK" button (see fig. 2). This will display the "Print to file" (see fig. 3) dialogue screen, from here you can select a folder to save the file to and assign it an appropriate file name. This file can then be delivered via floppy disk or e-mailed to the Copystar Support Specialist you are working with.

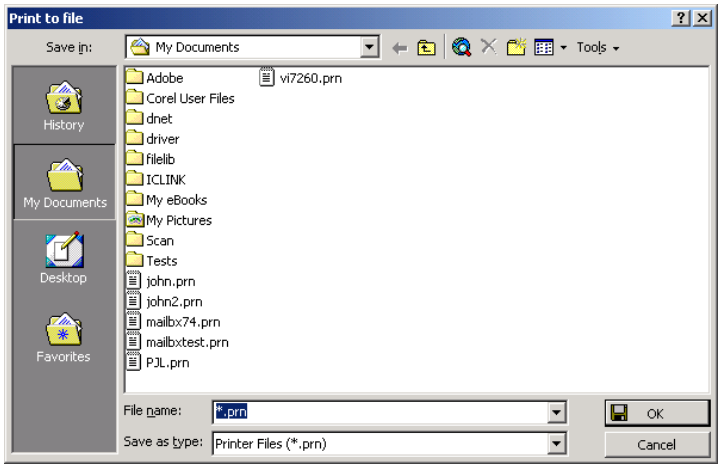


Fig. 3

The Solutions Queue

From the Software Solutions Group

Compact Flash Card Data Capture

Tools Required:
Compact Flash Card Reader or Adapter (Device used to read compact flash cards in a PC)
Compact Flash Card (SanDisk 8M or 16M Compact Flash Card www.sandisk.com)

Formatting the Compact Flash Card

1. Power the machine "OFF" .Insert the Compact Flash (CF) Card into the printer.
2. From the Printer Menu select "Menu>Memory Card>Format". A Format Information page will print out confirming the format.

Print Data Capture

1. With the formatted CF card still in the printer. Select from the Printer Menu, "Menu>Memory Card>Write Data". The printer LCD will display "Processing" and then change to "Waiting".
2. With "Waiting" displayed in the LCD, send the print job to the printer. The printer LCD will display "Processing", during which the data is being written to the CF.
3. After the file write to CF is complete, the LCD will return to "Waiting". At this point you can press the "GO" button to force a form feed and the printer LCD will return to "Ready".

   Note: The printer will remain in its "Waiting" mode until a Form Feed timeout occurs. This is usually defaulted to 30 seconds – which means you have only 30 seconds to get the print data to the printer before it times out.

4. Once the LCD reads "Ready", Turn "OFF" the Printer. remove the CF from the printer and install into a PCMCIA adapter (for PCMCIA slot of PC) or a Compact Flash Card reader device for a PC. This will allow you to read the CF as an external storage device of your PC. On the root of the CF card you will see a file name DataS001. This file can either be delivered via floppy disk or e-mailed to the Copystar Support Specialist you are working with.

IB-2x NetBEUI QUICK INSTALL
Referenced from the IB-2x Quick Configuration Guide Page 10

By Thomas Allen
Product Support Rep 2

- Used for simple Peer to Peer printing for eight or less PCs (the standard recommended by Microsoft).
- Advantageous if the client has no TCP IP scheme being utilized, does not wish to assign a static IP address or does not wish to use the KPRINT utility.
- NetBeui Protocol is supported by Windows 95/98/ME, Windows NT 4.0, 2000 and XP.
- NetBeui is enabled on a new IB-2x out of the box.
- Limited to LAN use unless a Router that supports NetBeui is being used.
- May take between 5-50 minutes for the IB-2x to show up on the network.

Requirements:

1. NetBeui must be enabled on the IB-2x network card through the Quick Set Up wizard from the Kyocera Mita Network Library CD, the KM Net Viewer utility, from the keyboard of the machine or via an internet browser web page. The Workgroup default: KY-NetPrinters and Printer Name default: KYxxxxxx can be changed using the same methods.
2. The NetBeui Protocol must be enabled on all PCs by the Network Administrator (requires reboot).

Set up:

1. Have the latest KX driver unzipped but not loaded.
2. There are two methods to find the print icon for the specific IB-2x card on the network.

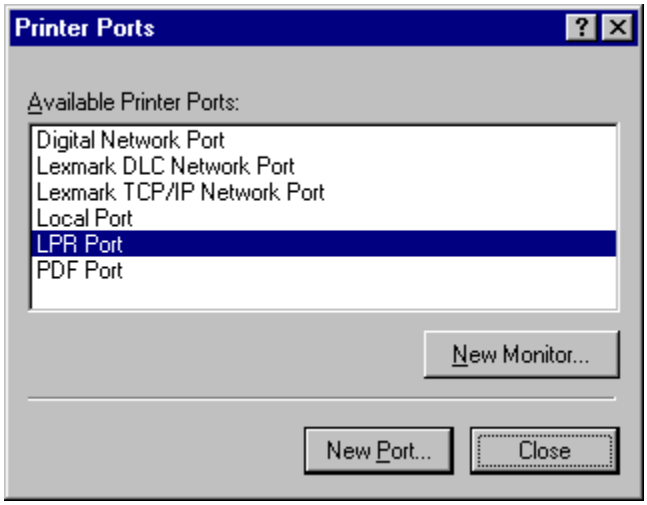
    a.) Browse the Entire Network under Network Neighborhood to locate the Workgroup labeled KY-NetPrinters. Double click it, then **right** click the printer icon. Click Install and follow the prompts in the Add Printer wizard to load the KX driver.
    b.) Use the UNC name (Universal Naming Convention) from the Run command. Click Start then Run from any Windows OS. Type two back slashes and the Printer Name. Example: \\kyd0029e. **Right** click the printer icon. Click Install and follow the prompts in the Add Printer wizard to load the KX driver.

Helpful Hints

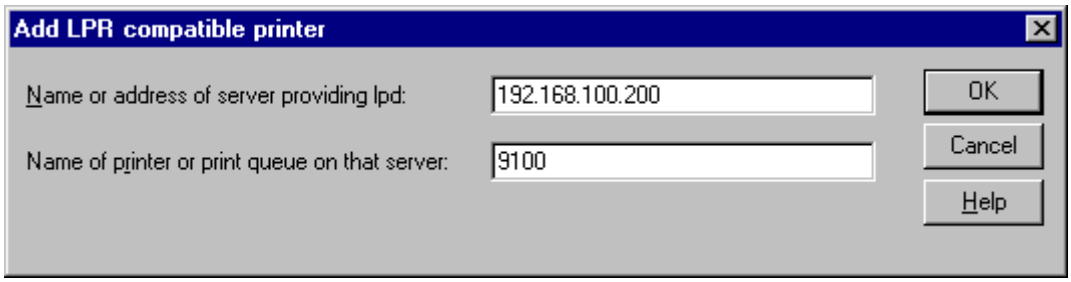
From The Kyocera Mita Diagnostic Center

Now that the Print Systems for both Copiers and Printers have become more standardized, remembering specific LPR port names has become much easier. The predecessors to these systems were a bit more varied. The LPR Port is the Printer's TCP IP address and Port Name that Windows 2000 and NT uses to direct the print job to the correct printer. Without a valid IP address or Port Name, the Server or Workstation will Spool the job but never make the connection to the printer.

WinNT Screen shots when LPR Port is created



Click "New Port".

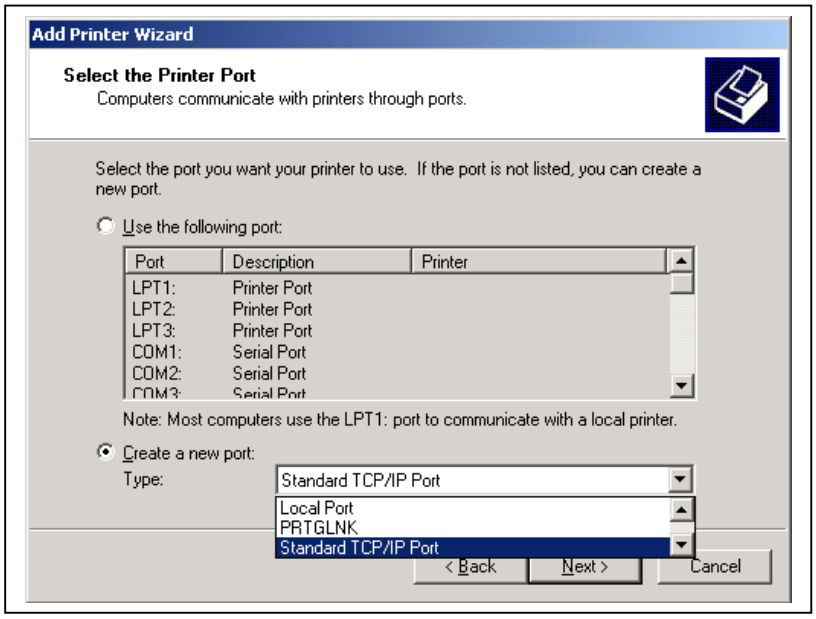


(Example) Type the Port Name ***exactly*** on shown Page 9.

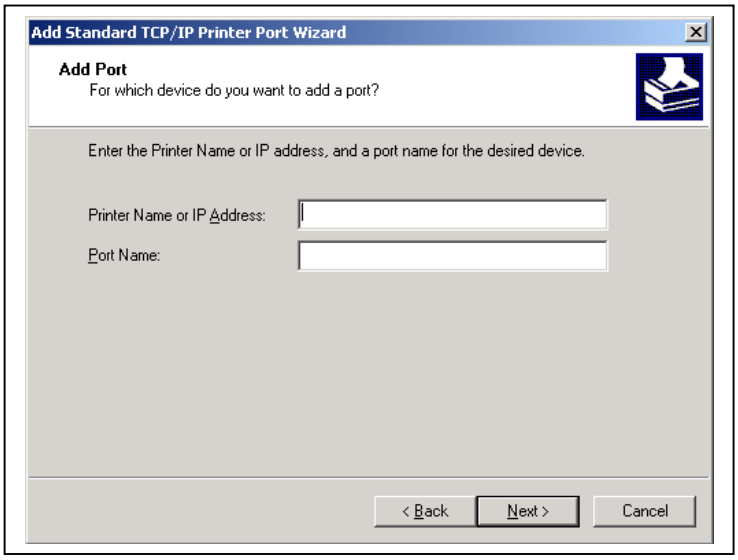
Helpful Hints

From The Kyocera Mita Diagnostic Center

The example below shows how to select the Standard TCP/IP port option in Win 2000 & XP.


Add Printer Wizard
Select the Printer Port
Computers communicate with printers through ports.
Select the port you want your printer to use. If the port is not listed, you can create a new port.
Use the following port:
Port
Description
Printer
LPT1: Printer Port
LPT2: Printer Port
LPT3: Printer Port
COM1: Serial Port
COM2: Serial Port
Note: Most computers use the LPT1: port to communicate with a local printer.
Create a new port:
Type:
Standard TCP/IP Port
Local Port
PRTGLNK
Standard TCP/IP Port
< Back
Next >
Cancel

See Page 9 for list of Port Names


Add Standard TCP/IP Printer Port Wizard
Add Port
For which device do you want to add a port?
Enter the Printer Name or IP address, and a port name for the desired device.
Printer Name or IP Address:
Port Name:
< Back
Next >
Cancel

Helpful Hints

From The Kyocera Mita Diagnostic Center

The Table below refers to the Port Names for all Network Cards currently being used. Remember punctuation counts. Upper case, lower case, spacing, underscores and dashes are part of certain Port Names. Type the Port Name *exactly* as shown.

Windows 2000 & NT Port Names

Copiers/Printers

Network Card	***Models***	**Port Name**	***Notes***
IB-2x	Ri 6230, Ri 4230/5230, Ri 4530/5530, CS-1530/2030, CS-1510/1810, FS-8000C and All FS Series Printers.	**9100**	
Ecolan 3000E, 2000E, 1000E	Ci-1100, DP-2800 and Legacy Printers.	**9100**	
NC-6	RC-4230/5230	**lp**	Lower case LP
Printer I/F Board	RC-4000d/5000d	**PRTGLNK**	
NB-1	RC-3000d		No port name used. Leave it blank.
NC-4A, NC-4B	RC-2310/3010(L)	**PORT1**	No spaces
NB-2	RC-2000d, RC-1800df, RC-1500df, RC-1500d	**PORT10001**	No spaces

Color Controllers

Network Card	***Models***	***Port Name***	***Notes***
Fiery X3e	KM-C1530	**print**	hold or direct can also be used (*Note)
Fiery X2e	Ci-7600	**print_PRN-M**	hold_PRN-M (*Note)
Fiery ZX-2100/3300 Version 1.0 System Software	Ci-7500	**print_Copier-M**	hold_Copier-M (*Note)
Fiery ZX-2100/3300 Version 1.1 System Software	Ci-7600	**print_PRN-M**	hold_PRN-M (*Note)
Fiery Z4	Ci-7600	**print**	hold (*Note)
Fiery X4	Ci-7600	**print**	hold (*Note)
Fiery X2	Ci-7600	**print_Copier-M**	hold_Copier-M (*Note)
Fiery XJ Series	Ci-7500	**print_Copier-M**	hold_Copier-M (*Note)
Fiery	Ci-1000	**xjdirect**	xjhold and xjprint can also be used if the optional Hard Drive is installed. (*Note)

*HOLD queue – The print job is not processed unless released by the administrator or key operator using Fiery Utilities (Command Workstation Web Services).

DIRECT – The print job is printed without spooling on the Fiery. Jobs are not saved in the Fiery Print Queue for reprints.

Training Information on DealerNet

Some dealers may not be aware that there is a wealth of information related to technical training posted on DealerNet. Not only can you access the latest training schedule and enroll in classes on-line, you will also find general information and FAQs, a list of prerequisites for training, a list of self-paced training courses (video and CD-ROM), as well as detailed course descriptions for our "developmental" training courses. Be sure to check out the PC and Network courses, Forms Creation / Prescribe training, Printer / Scanner Utilities training, Ecosys Printer training, MICR Printer training and the Advanced Digital Troubleshooting class. These "developmental" courses are great opportunities to increase your technical department's skill level, productivity and efficiency.

At the DealerNet opening page, click on the Tech Training link at the top. Click on the appropriate dealer category and explore the links!

Should you have any questions regarding technical training that are not covered on DealerNet, or if you have any suggestions or comments related to training content on DealerNet or technical training in general, please contact the National Training Center at 972-659-0055, by fax at 972-258-0924, or via email to training@kyoceramita.com.

Tips from the Field

1. If you can't communicate with the Printer, take it off the Network, and try a crossover cable in order to determine if the problem is in the Network or with the Machine.

2. Pagemaker 6.5: must have the Printer PPD file in the PPD4 subfolder on the PC. The driver has to be in KPDL with “Data passthrough” turned on to see the PPD.

3. KX driver, click on Device Settings, locks up:

   The cause is a conflict with the Video Card. If the latest Video Driver or available Patches don’t help, use the 3D Patch to disable graphics.

4. The Transaction Report will not Print. The solution is to go into the fax parameter settings (KM-F650 and KM-F1050 Instruction Handbook...pages 35-39 and set parameter 12 (COMM. JOURNAL) to 2 for "always on".

Ri 2530/3530/FS-9100/9500
New Bypass Lift Plate Spring

More than one sheet of paper may be fed from the Bypass Table due to the excessive spring tension for the Bypass Lift Plate. This will occur only with special types of paper.
To prevent this problem, a New Bypass Spring is now available with a reduced tension.

Parts Information

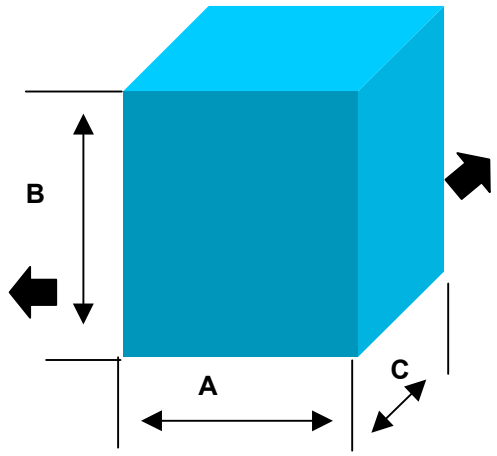
Old Part Number	New Part Number	Description	Qty.	Interchangeability	Price
34907380	2BL07860	Bypass Spring	2/2	Y/Y	$.72

Ri 2530/3530
Change to the Machine Packaging

The packaging has been changed to prevent the machine from tipping over due to rough handling during shipping. In addition, the cushioning material at the bottom of packaging has been changed and the Skid has been reinforced to prevent the vertical conveying cover from becoming damaged.

Ri 2530/AAH3013673 and above,
Ri 3530/AAJ3013028 and above,
FS-9500DN AAB3001646 and above
FS-9100DN AAA3004132 and above

- The size of the inside packaging case has been increased to balance the center of gravity of the machine.
- The direction by which the claws of a folk-lift are inserted, has been changed by 90°.
- The cushioning material on the bottom has been reinforced.



	FS-9100DN FS-9500DN	Ri 2530 Ri 3530
A	743 → 768	743 → 768
B	884 → 887	996 → 996
C	804 → 911	804 → 911

Ri 2530/3530/FS-9100/9500
Unit Compatibility

Although the Ri 2530/3530 and FS-9100/9500 share the same engines and many internal components, some Unit Assemblies are not compatible even though they may fit into the machine. Various problems can occur from copy quality to error codes. The following tables outline the compatibility and problems that can occur (See the following page).

		Ri 2530	Ri 3530	FS-9100DN	FS-9500DN
		Set, Kit MK-705	Set, Kit MK-705	MK-700	MK-701
		2BJ82020	2BJ82020	87800635	87800636
	Description	For 120V	For 120V	For 120V	For 120V
Drum	DK-700 Drum Unit	----	----	84395540	----
	DK-701 Drum Unit	----	----	----	84395545
	Drum Unit	2BJ93020	2BJ93020	----	----
Fixing	FK-700 Fuser Unit	----	----	2BK93010	----
	FK-701 Fuser Unit	----	----	----	2BL93040
	Fuser Unit 120V	2BJ93040	2BJ93040	----	----
Transfer	TR-700 Transfer Ass'y	84395575	84395575	84395575	----
	TR-701 Transfer Ass'y	----	----	----	84396175
Developer	DV-700 Developer Unit	----	----	84395550	84395550
	Developer Unit	2BJ93010	2BJ93010	----	----

In addition, each Maintenance Kit now includes the following Replacement Parts.

Old Part Number	New Part Number	Description	Qty.	Interchangeability
----	2AR07220	Paper Feed Pulley	-/2	-/Y
----	2AR07230	Separation Pulley	-/3	-/Y
----	2AR07240	Leading Feed Pulley	-/3	-/Y
----	61706770	Upper Bypass Pulley	-/1	-/Y
----	2BL68290	Registration Cleaner Ass'y	-/1	-/Y
----	2BL16130	Front Registration Guide	-/2	-/Y
----	2BL07950	Upper Registration Cleaner	-/1	-/Y

Malfunctions that may occur when the Unit is not compatible with the model

	P/N	Description	Ri 2530	Ri 3530	FS-9100DN	FS-9500DN
Drum	84395540	DK-700 Drum Unit	1	1	**C**	2
	84395545	DK-701 Drum Unit	1	1	3	**C**
	2BJ93020	Drum Unit	**C**	**C**	4	4
Fixing	2BK93010	FK-700(U) Fuser Unit	5	5	**C**	6
	2BL93040	FK-701(U) Fuser Unit	5	5	7	**C**
	2BJ93040	Fuser Unit 120V	**C**	**C**	8	8
Transfer	84395575	TR-700 Transfer Ass'y	**C**	**C**	**C**	9
	84396175	TR-701 Transfer Ass'y	10	10	10	**C**
Developer	84395550	DV-700 Developer Unit	11	11	**C**	**C**
	2BJ93010	Developer Ass'y	**C**	**C**	12	12

The **"C"** on the list indicates compatibility between the unit and the machine.

1. A Serviceman call "C7410" may illuminate, disabling the machine.
2. No error indication. Dark background may appear on the image.
3. No error indication. Lighter image may occur.
4. A message "Call Service 7410" + total Count, may illuminate and the machine will be disabled.
5. A Serviceman call "C6410" may illuminate and the machine will be disabled.
6. No error indication. Poor fixing may occur when printing continuously.
7. No error indication. Machine stabilization may take longer, Offset or Fixing failure may occur.
8. A message "Call Service 6410+ total Count may illuminate, disabling the machine.
9. No error indication. Separation failure or a paper crease may occur. The drum separation claw may leave a stain on the paper.
10. No error indication. A slight black dot may be visible on the paper due to a pinhole on the drum.
11. A Serviceman call "C7400" may illuminate, disabling the machine.
12. A message "Call service 7400+ total Count may illuminate, disabling the machine.

Ri 4530/5530
Additional Information on Service Calls

The Initial Version Service Manual does not contain the information in the Table below. Please update your Service Manual with this info or download Revision 1 from Dealernet.

Code	Contents	Remark	
		Cause of malfunction	Checking procedure / Corrective measure
C4100	Abnormal BD initialization (A) * The Laser A output checking is performed when the Power Source is turned ON and the BD Signal cannot be detected.	LSU failure (LD_A)	Replace LSU and check the operation.
		Main PCB failure	Replace the Main PCB and check the operation.
C4110	Abnormal BD initialization (B) * The Laser B output checking is performed when the Power Source is turned ON and the BD Signal cannot be detected.	LSU failure (LD_B or BD PCB)	Replace LSU and check the operation.
		Main PCB failure	Replace the Main PCB and check the operation.
C5300	Eraser problem * When the Drum Surface Potential is checked after completion of the potential adjustment (auto adjustment), the drum potential exceeds 400V.	The Connector for the Image Formation Unit (cleaning lamp) is disconnected.	Check the Connector for the Image Formation Unit (Cleaning Lamp).
		Cleaning Lamp failure	Replace the Cleaning Lamp and check the operation.
		Engine Output PCB failure	Replace the Engine Output PCB and check the operation.
		Main PCB failure	Replace the Main PCB and check the operation.

Ri 4530/5530/6230
Hard Disk Drive Formatting

Follow the procedure below if a formatting problem occurs and a service call message displays (Ri 4530/5530: C-0640, Ri 6230/C-038).

1. Run Simulation 906 to reset the service call code for partial operation control.
2. If the hard disk drive problem still exists after partial operation, "System error" will be indicated.
3. Enter service simulation mode with the "System Error" light ON (without turning the main switch OFF) to execute Simulation 024 (HDD formatting).

When the hard disk drive problem (service call) message is on display, the hard disk drive is separated from the operation and you can not format the HDD.
It is necessary to first reset the partial operation control using Simulation 906, then execute HDD formatting with the "system error" light ON.

Detection of Hard Disk Drive problem (service call).
At the first detection, a "system error" will display instead of a service call.
If detected twice continuously, a service call will be displayed and partial operation for the hard disk drive will be performed.

Ri 4530/5530
Change to the Drawer Heater Setup Procedure

Follow the Drum Heater Setup Procedure below during machine setup. This procedure is different than the current procedure in the Service Manual. The Drawer Heater has been optional in the past, but is standard for the Ri 4530/5530.

Before Change:

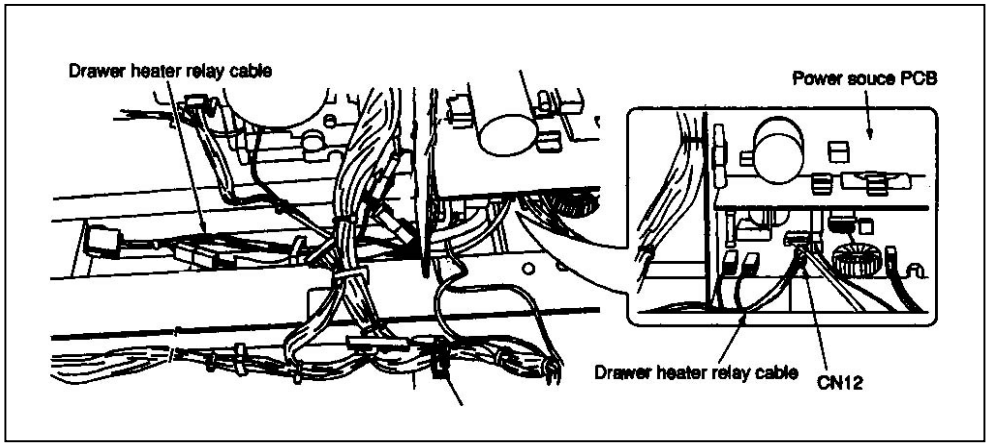
- The Drawer Heater Relay Cable is included in the package at shipment.
- The Drawer Heater and the Power Source PCB are to be connected with the provided Relay Cable at setup.

After Change:

The Drawer Heater Relay Cable is already installed at the Factory.
However, it is connected only to the Drawer Heater side. The connector to the Power Source PCB is not connected.
The Relay Cable must be connected to CN12 at the Power Source PCB during the setup.

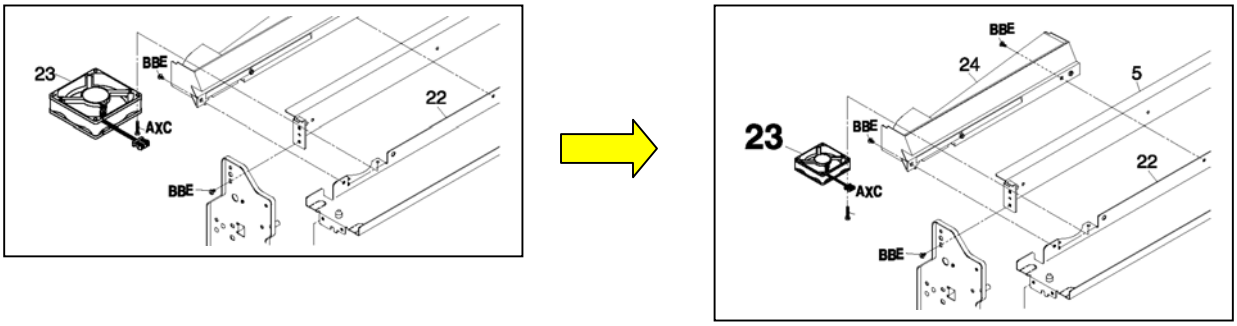
Drawer Heater Connection Procedure

1. Remove the Lower Rear Cover.
2. Connect the Drawer Heater Relay Cable Connector to CN12 at the Power Source PCB.
3. Reinstall the Lower Rear Cover.



Ri 4530/5530
Parts List Corrections

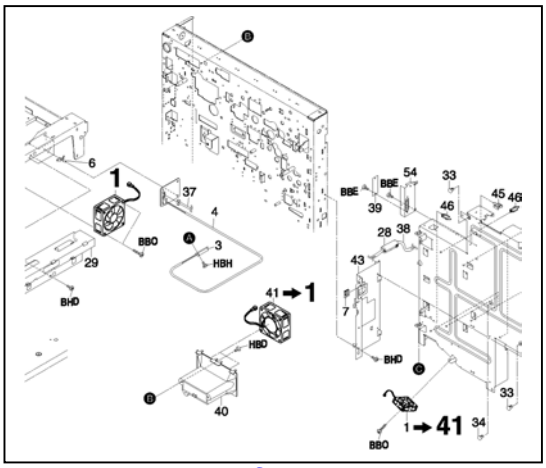
The following Parts in the Ri 4530/5530 Parts List were incorrectly listed in Fig. 16 CONVEYING SECTION I. Please make the corrections as shown below in your Parts List.



Parts Information

Number	Incorrect Part Number	Incorrect Description	**Correct Part Number**	**Correct Description**	**Qty**
23	2BC27780	Fan Fixing	**2BC27790**	**Fan Cooling**	**1**

The following Parts in the Ri 4530/5530 Parts List were incorrectly listed in Fig. 40 ELECTRICAL SECTION II. Please make the corrections as shown below in your Parts List.

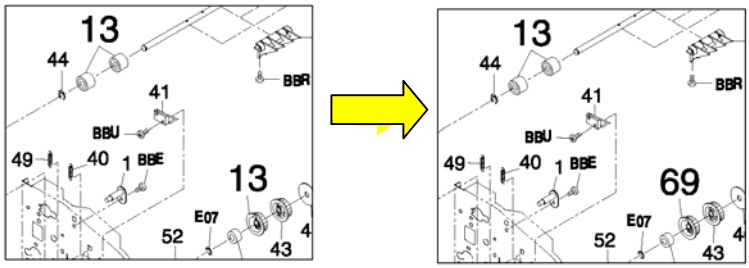


Parts Information

Old Number	Incorrect Part Number	Incorrect Description	**New Number**	**Correct Part Number**	**Correct Description**
41	2BC27790	Fan Cooling	**1**	**2BC27780**	**Fan Fixing**
1	2BC27780	Fan Fixing	**41**	**2BC27950**	**Fan HDD**

DF-610/600
Parts List Corrections

The following Parts in the DF-610/600 Parts List were incorrectly listed in Fig. 4 PAPER FEED-IN SECTION. Please make the corrections as shown below in your Parts List.



Old Number	Incorrect Part Number	Incorrect Description	**New Number**	**Correct Part Number**	**Correct Description**
13	3B816210	Roller, Sub Conveying	**69**	**3B822220**	**Pulley 31, Tray Feed- in**

RC-4000d/5000d/RC-4230/5230
Change to the Optional Drawer Heater Part Number

The Optional Drawer Heater consists of five items that have now been combined into one Item number. Please make the corrections as shown below in your Service Manual.

Parts Information

Old Part Number	New Part Number	Description	Qty.	Interchangeability	Price
----	8402AC10	Set Drawer Heater 120V	-/1	-/Y	$32.78
•34860030	----	Heater Cassette	-/1	-/Y	N/A
•68427020	----	Power Source Switch	-/1	-/Y	N/A
•2AC60020	----	Dehumidifier Relay Cable	-/1	-/Y	N/A
•B1304060	----	M4X6 Tight Screws	-/1	-/Y	N/A
•M2107120	----	Binding Band SG-130	-/1	-/Y	N/A

KM-C830/D, FS-8000C
Tip When Using Gloss Mode

In rare cases, the paper may become creased at the fixing unit in the gloss mode. (This problem occurs mainly with regular paper (64g) or when using paper with a high moisture content and the image is covering a high percentage of the paper.

- The gloss mode cannot be combined with the thick paper mode when using thick paper (equal to or above 100g).

1. We recommend that full-color exclusive paper or paper for both full-color and black and white copy be used whenever copying in the gloss mode.

2. Please inform users of the limitation in specification as described below and instruct them how to use the machine properly in the gloss mode.

Details

1. In the gloss mode, the paper will pass through the fixing unit at a slower speed than in the normal mode, so more heat can be applied to the paper to increase the gloss level.

2. The same control will be applied in the thick paper mode as well to enhance fixing performance. It will not be possible to decrease the paper conveying speed to use the gloss mode combined with the thick paper mode.

3. Please instruct the users to be sure to use the thick paper mode whenever using thick paper. If copied in the regular mode, a fixing failure may result.

KM-C830/D
Reminder during Machine Setup

Change the setting of U265 (Setting the code for OEM destination) as outlined below during machine setup and/or whenever installing the Printing System (P) or Scan System (C) on the machine.

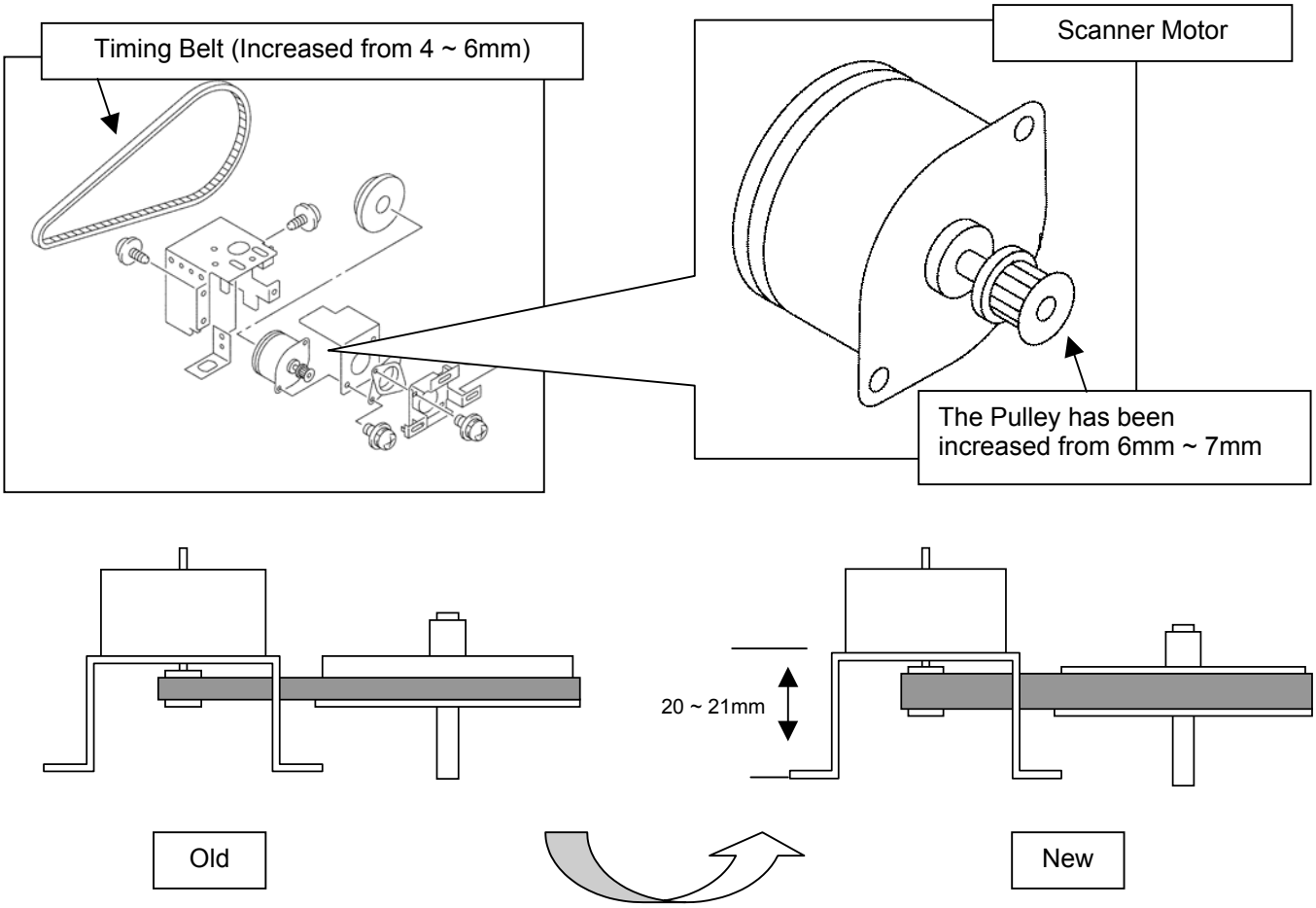
U265 setting value:
Please change the default setting from "0" to "2".

If the Code is set to "0", the **KM-NetViewer/JOB-Manager** will not recognize both Printing System (P) and Scanner System (C) when installed. (Setting code "0" is for OEM.)

The setting has been changed to "2" at the factory for the Machines with Serial Number of S3000798 and above. Please check the serial number and change the setting if necessary.

KM-C1530
Performance Change for Scanner Motor Drive

The width of the Timing Belt has been increased from 4 mm to 6 mm to improve Scanner Motor drive. As a result, the shape of the Motor and the Mount will be modified. Please be aware that there will be no parts compatibility between the old and the new parts after this change. The change has been implemented at the Factory from Serial # 3000211 and above.

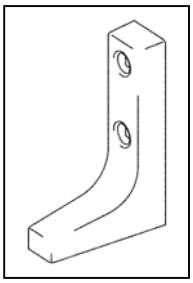
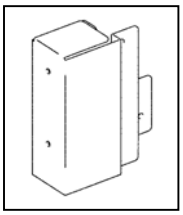
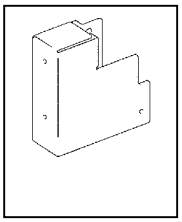
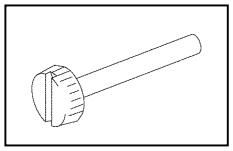
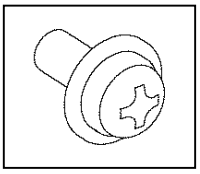


Parts Information

Old Part Number	New Part Number	Description	Qty.	Interchangeability	Price
5F920250	5F920251	Timing Belt	1/1	X/X	$13.38
5F930960	5F930961	Motor	1/1	X/X	$131.83
----	5F920480	Bracket	-/1	-/X	$16.11

KM-C1530
Copier Stand Stabilizer Kit Available

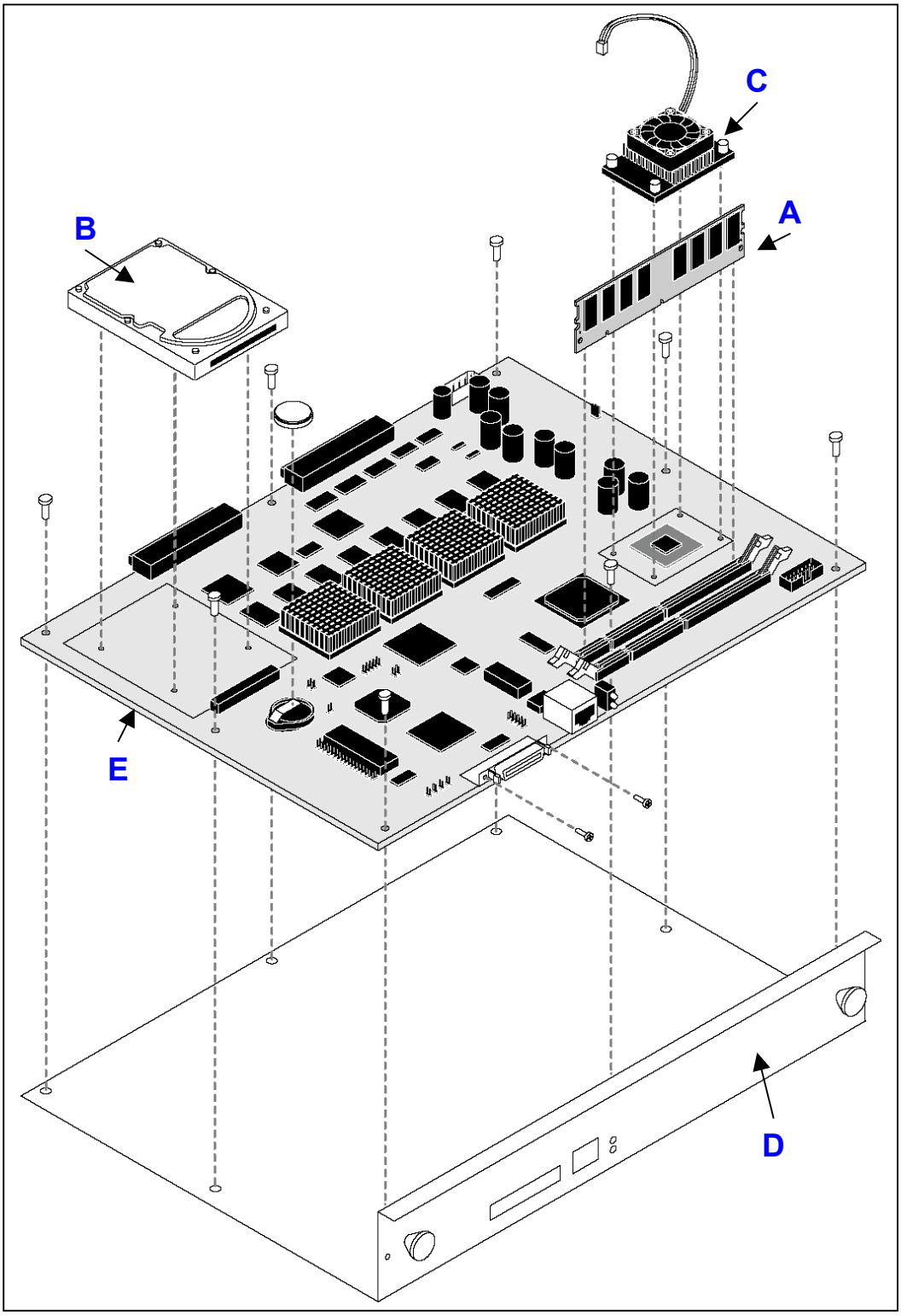
It is recommend that the Scanner and the Printer be secured to the Copier Stand using screws whenever set-up with the Stand. If they are installed separately, please be sure to install the new Stabilizer Kit to the Copier Stand to prevent the Stand from tipping over.

Parts Information

Old Part Number	New Part Number	Description	Qty.	Interchangeability	Price
----	5F920400	Stabilizer Kit	-/1	-/Y	$355.82

Fiery X3e Parts Breakdown



Fiery X3e for KM-C1530 Price List

		KMA P/N	EFI P/N	Description	Dealer Price
Fiery X3e	**Ship Groups**	**84318628**	45018628	SHIP GP,X3E,CF2001/1501,128MB,US/DOMESTIC	$2,362.49
Fiery X3e		**84318632**	45018632	SHIP GP,X3E,CF2001/1501,192MB,JAPAN	$3,100.51
Fiery X3e		**84318633**	45018633	SHIP GP,X3E,CF2001/1501,128MB,INTL	$2,362.49
Fiery X3e		**84318634**	45018634	SHIP GP,X3E,20C-M,128MB,US	$2,362.49
Fiery X3e		**84318635**	45018635	SHIP GP,X3E,20C-M,128MB,INTL	$2,362.49
Fiery X3e	**Options**	**84321000**	45021000	KIT,MEMORY UPGRADE,X3E,256MB, DIMM	$1,159.49
Fiery X3e		**84321328**	45021327	KIT,MEMORY UPGRADE,X3E,128MB DIMM	$583.49
Fiery X3e		**84322801**	45022801	KIT,CMND WKSTN,JPN,FIERY X3E	$298.51
Fiery X3e	**Spares**	**84302101**	45002101	KIT,SPARE,CBL,PARALLEL,X2E/X3E,PRN-M	$37.51
A		**84318813**	45018813	KIT,SPARE,128MB,DIMM	$576.00
B		**84318818**	45018818	KIT,SPARE,HDD,6.0GB,TOSHIBA 2.5 IN	$375.01
C		**84318842**	45018842	KIT,SPARE,FAN WITH HEATSINK,5V,CPU,PUSH-PIN	$74.99
D		**84318869**	45018869	KIT,SPARE,PANEL,MTHRBD	$60.01
E		**84318872**	45018872	KIT,SPARE,PCBA	$1,575.01
Fiery X3e	**Media**	**84322458**	45019222	MEDIA PACK,V1.0,ENGLISH,X3E	$137.70
Fiery X3e		**84319224**	45019224	MEDIA PACK,V1.0,FRENCH,X3E	$74.99
Fiery X3e		**84319225**	45019225	MEDIA PACK,V1.0,ITALIAN,X3E	$74.99
Fiery X3e		**84319226**	45019226	MEDIA PACK,V1.0,GERMAN,X3E	$74.99
Fiery X3e		**84319228**	45019228	MEDIA PACK,V1.0,SPANISH,X3E	$74.99
Fiery X3e		**84319230**	45019230	MEDIA PACK,V1.0,JPN,X3E	$74.99
Fiery X3e		**84319245**	45019245	MEDIA PACK,V1.0,ENGLISH	$74.99
Fiery X3e		**84309353**	45019353	KIT,SVCE,V1.0,ENGLISH,X3E	$37.51
Fiery X3e		**84319354**	45019354	KIT,SVCE,V1.0,JPN,X3E,CF2001-1501	$37.51

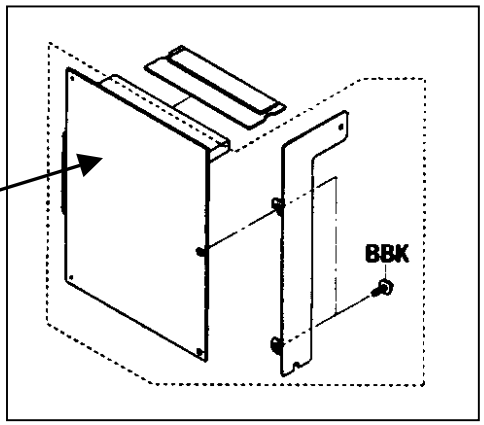
CS-1810
Change to the Memory Board Ass'y

The replaceable DIMM on the Standard Memory Board will be replaced with SDRAM. The SDRAM will be soldered directly onto the Memory Board. The Socket for the DIMM will be eliminated.

Parts Information

Old Part Number	New Part Number	Description	Qty.	Interchangeability	Price
2A201010	2A182030	MB-6 (16MB)	1/1	Y/Y	N/A
2A228010	2A228011	Memory PCB	1/1	Y/Y	$472.01
2A228020	----	IC DIMM	1/-	N/-	N/A

MEMORY PCB
Socket is eliminated, and SDRAM is soldered on MEMORY PCB.



TECHNICAL BULLETINS AND DEALER LETTERS RELEASED SINCE THE LAST COPYSTAR FOCUS

Model	Date	Contents	Bulletin #
RC-4000d/5000d	02/24/00	Introduction to ES-2	7
RC-4000d/5000d	04/28/00	Software Ver. 1.11 & Firmware Ver. 1.08 Upgrade for Printing System (G)	8
RC-2310L/3010L	06/19/00	New Model Product Information	1
Ri 4230/5230	07/12/00	New Model Product Information	1
FS-1200	07/19/00	New Model Product Information	1
FS-1750/3750	08/21/00	Conversion of DP-1400/1800 to FS-1750/3750	1
Ri 6230	10/10/00	New Model Product Information	1
F-4130/4330	09/28/00	Measure to Prevent Jams	1
RC-4000d/5000d	11/17/00	Improving the Performance of the SRDF-1	9
FS-1800/N, 3800/N	11/30/00	New Model Product Information	1
FS-1750/3750	01/11/01	Auto Tray Switching	2
CS-1530/2030	01/26/01	New Model Product Information	1
LDC-820	02/28/01	Measure for Original Feed Jam	2
FS-1000+	03/02/01	New Model Product Information	1
F-4130/4330	03/07/01	Measures to Further Improve the Efficiency of Paper Transport	2
FS-1800/N, 3800/N	03/27/01	Clarifying Waste Toner Bottle Replacement	2
Ri 6230	04/18/01	Performance Enhancement Kit	2
KM-C1530	05/18/01	New Model Product Information	1
Ri 4230/5230/ RC-4000d/5000d	05/23/01	Change to the Lower Registration Guide Ass'y	2
CS-1530/2030	05/08/01	Firmware Update to Enable Scanning and Enhanced Finishing	2
Ri 4230/5230/ RC-4000d/5000d	07/19/01	Measure to Prevent Shifting of the Lift Plate (ST-8)	3
FS-8000C	07/24/01	New Model Product Information	1
Ri 6230	08/01/01	Measure for LCD Display Failure	3
General	08/15/01	Kyocera Mita Digital Library CD-ROM Ver. 6.0 (KX Driver)	37
Ri 2530/3530	09/19/01	New Model Product Information	1
RC-6230	10/10/01	Measure to Prevent Damage to the Large Deck Lift Motor Gear	4
CS-1530/2030	10/22/01	Manufacturing Enhancement (Addition of Flywheel)	3
RC-2310L/3010L	10/30/01	Measure for Bypass Leaf Spring Damage	2
KM-C830/D	11/01/01	New Model Product Information	1
General	01/09/02	Kyocera Mita Digital Library CD-ROM Ver. 6.3.1 (KX Driver)	38
General	02/13/02	Unpublished End User Error Codes	39
General	04/26/02	Kyocera Mita Digital Library CD-ROM Ver. 6.5.1 (KX Driver)	40
Ri 4530/5530	02/05/02	New Model Product Information	1
Ri 4530/5530	04/24/02	Countermeasure for DF-610/600 Main Board Failure	2
KM-C830D	03/06/02	Measure for Middle Transfer Cleaning Failure	2
FS-1010	01/04/02	New Model Product Information	1

TECHNICAL BULLETINS AND DEALER LETTERS RELEASED SINCE THE LAST COPYSTAR FOCUS

Model	Date	Contents	Bulletin #
FS-1800/N, 3800/N	10/25/01	Firmware Update to Control Fan Noise During Sleep Mode	3
FS-9100DN/9500DN	09/28/01	New Model Product Information	1
FS-1900	01/23/02	New Model Product Information	1
KM-F1050	01/19/02	New Model Product Information	1
KM-F650	02/27/02	New Model Product Information	1
CS-1510/1810	02/12/02	Outline of Unpublished Jam Codes	2
CS-1530/2030	02/12/02	Precaution when Updating Printing System (K) Firmware	4
FS-1800+/N	05/02/02	New Model Product Information	1

AUTHORIZED DEALER LETTERS

RC-5000d Dealers	4/28/00	Ri 4230/5230 Service and Part Manuals
KM-C1530 Dealers	6/08/01	KM-C1530 Technical Bulletin #1 Updated Page 2
KM-C1530 Dealers	9/18/01	KM-C1530 Waste Toner Bottle Update
FS-8000C Dealers	10/29/01	KM-C830 Service and Parts Manuals

** All Information and Pricing Subject to Change without Notice.*